UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG____ ELECTRIC LOGS____ FILE X WATER SANDS____ LOCATION INSPECTED____ SUB. REPORT/abd.

6-12-78 LOCATION ABANDONED; WELL NEVER DRILLED

DATE FILED 7-29-77

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-10197 INDIAN

DRILLING APPROVED: 7-27-77

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 6-12-78 LOCATION ABANDONED

FIELD: Wildcat 3/86

UNIT: Pine Spring Unit

COUNTY: Uintah

WELL NO. Pine Spring Unit #2 API NO: 43-047-30303

LOCATION 660 FT. FROM (N) (S) LINE. 1500 FT. FROM (E) (W) LINE. NW NE NW ¼ – ¼ SEC. 3

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
14S	21E	3	EXXON CORP.				

6-8-78 - Location abandoned

..✓..... Checked by Chief .....

Location Map Pinned ..... Approval Letter .....✓

Card Indexed .....✓..... Disapproval Letter .....

[redacted]

Date Well Completed ..... Location Inspected .....

OW..... WW..... WO..... Bond released

GW..... GO..... MO..... State or Fee Land .....

LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

E..... Dual I Lat..... GR-N..... Micro.....

BHC-T..... Sonic.....

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600 · MIDLAND, TEXAS 79701

MIDCONTINENT PRODUCTION DIVISION
SOUTHWESTERN EXPLORATION DIVISION

W. R. WARDROUP
DRILLING MANAGER

CIRCULATE TO:
DIRECTOR ☑
PETROLEUM ENGINEER ☑
MINE COORDINATOR ☐
ADMINISTRATIVE ASSISTANT ☐
ALL ☐
RETURN TO Sellers FOR FILING

June 30, 1977

File 22-3

Pre-Staking Notice
Pine Spring Unit,
Well No. 2, Wildcat
Uintah County, Utah
Lease No. U-10197

Mr. E.W. Guynn, District Engineer
United States Department of the Interior
Geological Survey, Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

Dear Mr. Guynn:

Attached is a topographic map showing the proposed location of Pine Spring Unit, Well No. 2, a Wildcat, as 1,500' FWL and 660' FNL of Section 3, T-14-S, R-21-E, Uintah County, Utah.

Very truly yours,

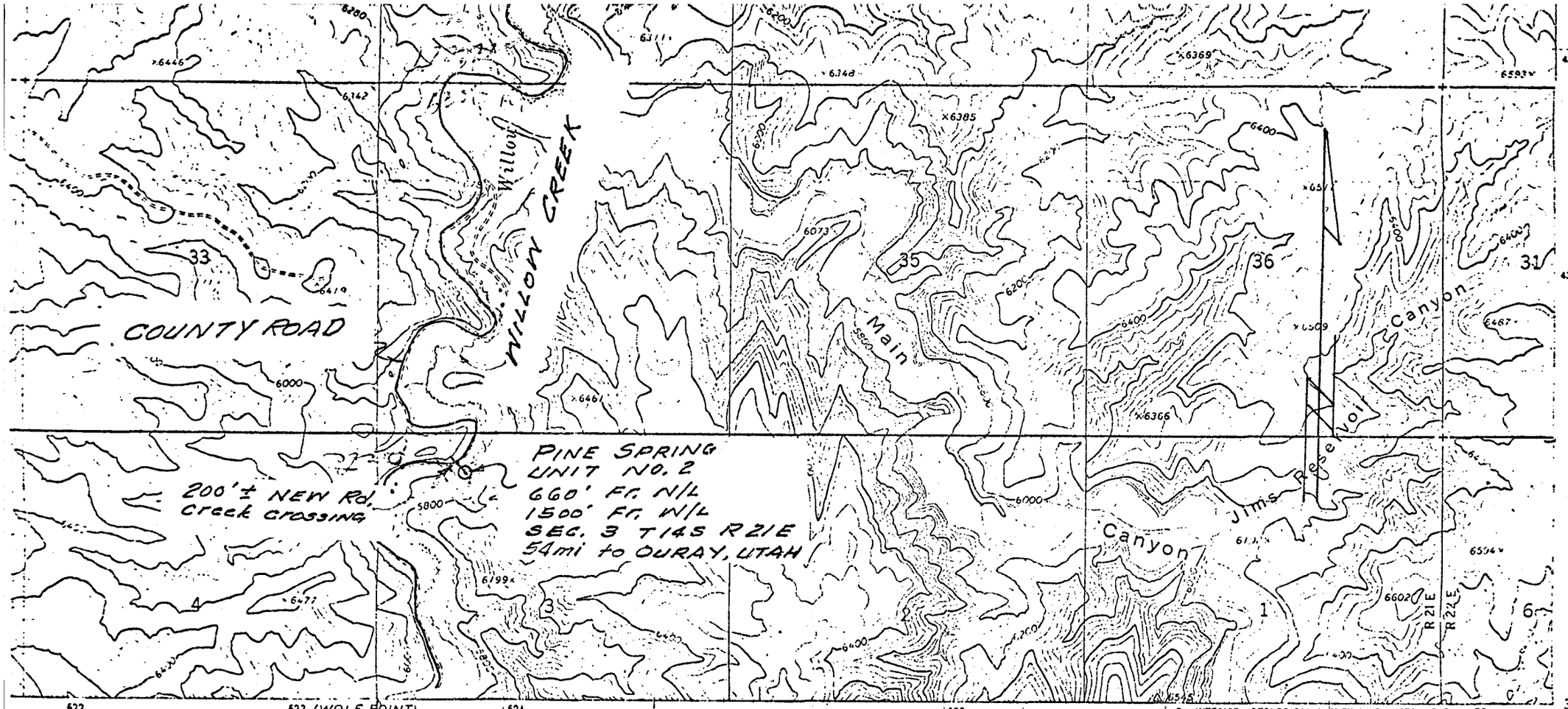
W.R. Wardroup

W.R. Wardroup

MK/sm
Attachment

cc: Bureau of Land Management
P.O. Box F
Vernal, Utah 84078 (w/plat)

State of Utah
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116 (w/plat)



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

AGENCY DRAW NE, UTAH

N3937.5—W10930/7.5

1966

AMS 4063 II NE—SERIES V897

EXHIBIT "A"

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-10197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [x] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [x] OTHER — SINGLE ZONE [x] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Pine Spring Unit (Pending

8. FARM OR LEASE NAME: Pine Spring Unit

2. NAME OF OPERATOR: Exxon Corporation

9. WELL NO.: 2

3. ADDRESS OF OPERATOR: P.O. Box 1600, Midland, Texas 79702

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1500' FWL & 660' FNL
At proposed prod. zone: NW NE NW

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 3, T14S, R21E SLBM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 41-1/2 Miles South from Ouray

12. COUNTY OR PARISH: Uintah — 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any): 660'

16. NO. OF ACRES IN LEASE: 642.72

17. NO. OF ACRES ASSIGNED TO THIS WELL: ---

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: ---

19. PROPOSED DEPTH: 10,000' Morrison

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5,729' GR

22. APPROX. DATE WORK WILL START*: November 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#	40	To surface with ready mix
12-1/4	9-5/8	40#	1500	To surface with at least 400 sx.
7-7/8	5-1/2	17# & 15.5#	10000	To 1000' above pay w/at least 200 sx.

RECEIVED
JUL 18 1977
MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Meeva Knipling — TITLE Proration Specialist — DATE 7-12-77

(This space for Federal or State office use)

PERMIT NO. 43-047-30303 — APPROVAL DATE

APPROVED BY — TITLE — DATE

CONDITIONS OF APPROVAL, IF ANY:

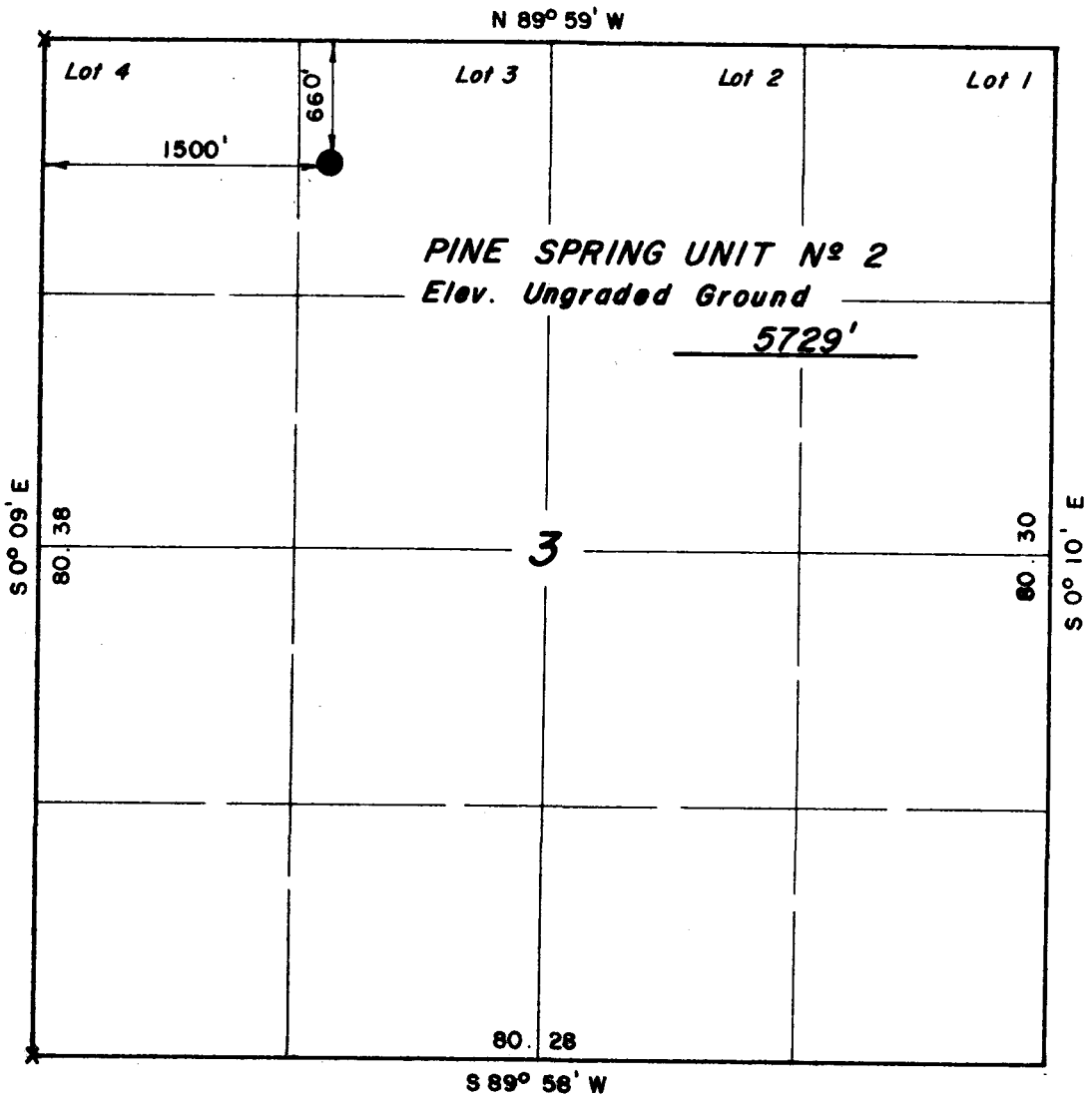
*See Instructions On Reverse Side

T 14 S, R 21 E, S.L.B.&M.

PROJECT

EXXON COMPANY, U.S.A.

Well location, *PINE SPRING UNIT Nº 2*, located as shown in Lot 3, Section 3, T 14 S, R 21 E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located

NOTE: Elev. Estimated From Contour on U.S.G.S. 7 1/2 Minute Quadrangle.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6 / 29 / 77
PARTY N.J.M. B.B. H.M. BFW	REFERENCES GLO Plat
WEATHER Fair & Hot	FILE EXXON COMPANY, U.S.A.

Pine Spring Unit, Well No. 2

1. The geologic name of the surface formation.

   Tertiary Green River

2. The estimated tops of important geologic markers.

Wasatch Tertiary	1,050'
Mesaverde Cretaceous	3,240'
Cretaceous Mancos Shale	5,370'
Cretaceous Dakota	9,450'
Jurassic Morrison	9,750'

3. The estimated depths at which anticipated water, oil or other mineral bearing formations are expected to be encountered.

Water -	Wasatch and Mesaverde	1,050- 5,370'
	Morrison	9,750-10,000'
Oil -	Basal Mancos Shale	8,500- 9,450'
Gas -	Wasatch and Mesaverde	1,050- 5,370'
	Dakota	9,450- 9,750'
	Morrison	9,750-10,000'

4. Proposed Casing Program:

String	Size/Weight/Grade	Condition	Depth Interval
Conductor	13-3/8 /48.0/ H-40	New	0-40
Surface	9-5/8 /40.0/ N-80	New	0-1500
Production*	5-1/2 /17.0/ K-55	New or 2nd Cl	0-1900
	5-1/2 /15.5/ K-55	New or 2nd Cl	1900-5800
	5-1/2 /17.0/ K-55	New or 2nd Cl	5800-7300
	5-1/2 /17.0/ N-80	New or 2nd Cl	7300-10000

*Casing string run will be at least as strong as string shown. Actual pipe run may be different depending on casing available at time.

5. Minimum specifications for pressure control equipment:

   a) Casinghead Equipment

   Lowermost head: 9-5/8" LTC X 10" 3000 psi
   Tubinghead: 10" 3000 psi X 6" 5000 psi
   Adapter & Tree: 6" 5000 psi X 2-1/2" 5000 psi

b) Blowout Preventers

Refer to attached drawing and list of equipment, both titled "Type II-C" for description of 2000 psi (Minimum) working pressure BOP stack and choke manifold. The BOP's will be installed on the lowermost casinghead after 9-5/8" casing is set and will not be smaller than 10" FE API or less than 2000 psi WP.

c) BOP Control Unit

Unit will be hydraulically operated and have at least 3 control stations.

d) Testing

When installed, the BOP stack will be tested at a low pressure (200-300 psi) and to at least 2000 psi. At approximately weekly intervals, the stack will be tested to 1500 psi. An operational test of the BOP's is to be performed on each round trip (but not more than once each day); the annular and pipe-ram preventer will be closed on drill pipe, and the blind rams will be closed while pipe is out of the stack.

6. Type and anticipated characteristics of Drilling Fluid:

Depth Interval Ft.	Mud Type	Weight ppg	Funnel Visc Sec/Qt	PV CP	WL (cc)	Solids %	YP #/100 ft^2	pH
0-1500	Fresh	8.4-8.8	28-35	2-6	NC	2-5	2-8	10
1500-T.D.	Fresh	8.5-10	30-45	2-10	15-20	4-8	4-10	10.5

Mud weight and viscosity will be maintained at minimum levels compatible with operating conditions. Not less than 200 barrels of mud will be in the pits and at least 200 sacks of barite will be stocked on location.

7. Auxiliary Control Equipment:

a) Kelly Cocks: Upper and Lower installed on kelly

b) Safety Valve: Full-opening ball-type to fit each type and size of drill pipe in use available on rig floor, in open position for stabbing into drill pipe when kelly is not in string.

c) Pit volume totalizer to monitor mud pits.

d) Trip tank to insure that hole is full and takes proper amount of fluid on trips.

e) A float at the bit will not be used unless conditions dictate.

8. The testing and logging program to be followed:

   Drill Stem Tests - None

   Cores - None

   Logs to be run from TD to Surface Casing -
   DIL, BHC - Sonic with Gamma Ray, FDC - CNL with Gamma Ray
   (Will Sonic Gamma Ray up to surface)

9. No abnormal pressure or temperature hazards are anticipated.

10. It is anticipated that the drilling operation will begin on November 15, 1977, and be completed on January 25, 1978.

MK/sm
7-6-77

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 2000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. ~~4-inch pressure operated gate valve~~
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon). Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.

35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.

2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.

3. Kill line is for emergency use only. This connection shall not be used for filling.

4. Replacement pipe rams and blind rams shall be on location at all times.

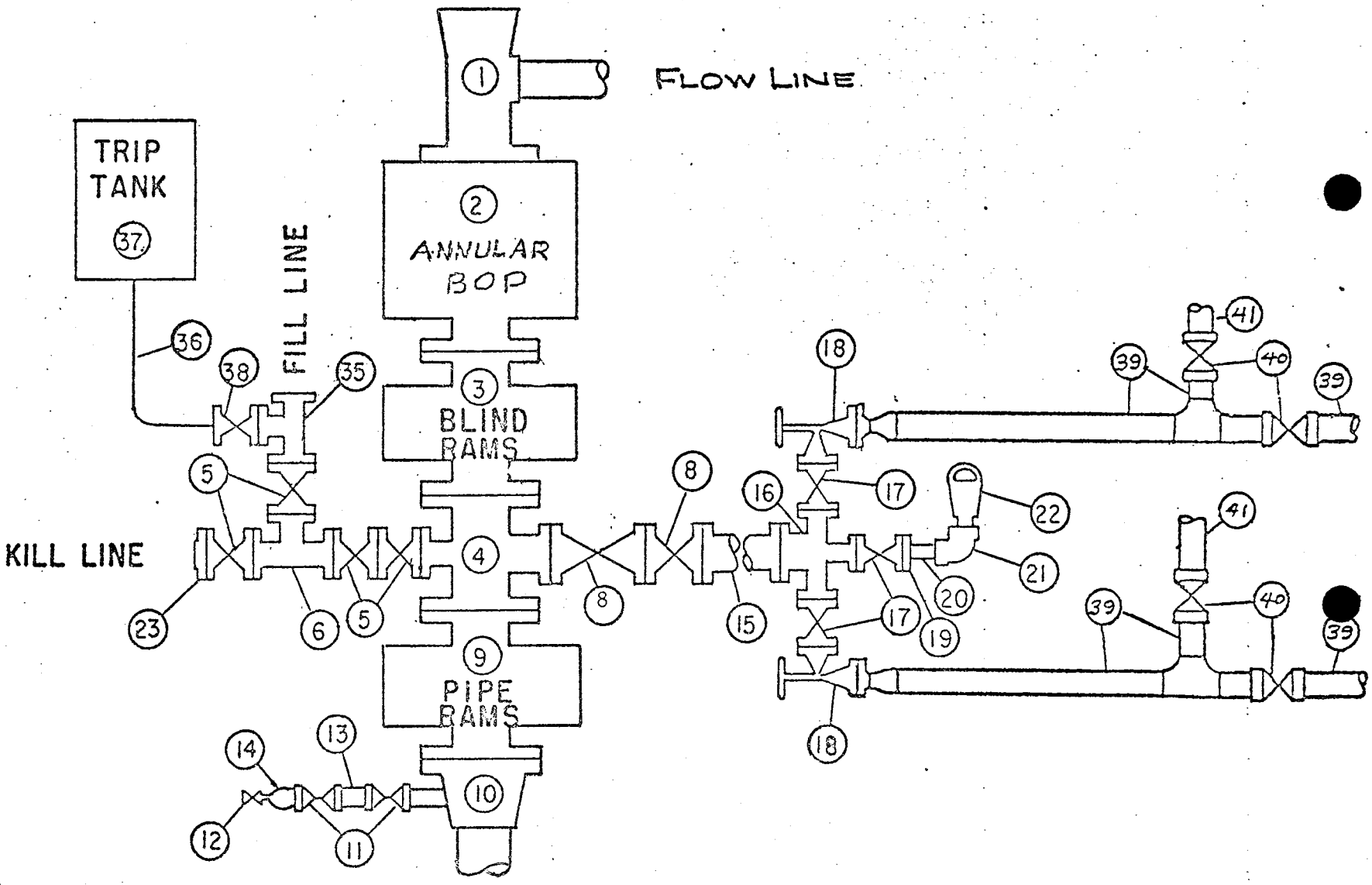
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.

6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

MIDLAND DRILLING OR NIZATION

BLOWOUT PREVENTER SPECIFICATION

TYPE II - C



9/15/73

SURFACE USE PLAN

Exxon Corporation #2 Pine Spring Unit
660' FNL & 1500' FWL, Sec. 3, T-14-S, R-21-E, S.L.B. & M.
Lease U-10197, Uintah County, Utah

1. EXISTING ROADS - Area Map, Exhibit "A" is a composite of combined USGS quads.

   A. Exhibit "A" shows the proposed well site as staked.

   B. From Ouray go southerly down Seep Ridge Road 29-1/2 miles to Buck Canyon thence go westerly down Buck Canyon 3 miles to Willow Creek Road thence southerly up Willow Creek Road 9 miles to location.

   C. Approximately 400' of new road will be constructed as shown on Exhibit "A". New road is colored red.

   D. Existing public roads within a three mile radius are Willow Creek Road and Wood Canyon Road as shown on Exhibit "A". These are graded roads.

   E. Willow Creek Road will be widened and improved where necessary to enable us to move in the drilling rig. This will be done with the County Commissioner's permission.

2. PLANNED ACCESS ROADS - Exhibit "A" shows the 400' of new road to be constructed.

   (1) The maximum width of the road will be 14 feet.

   (2) The 400' of new road to be constructed will have a maximum grade of less than 6 percent.

   (3) No turnouts are to be constructed.

   (4) The road will require one large culvert to provide a creek crossing.

   (5) No surface material will be put on the road.

   (6) There will be no gates, cattleguards or fence cuts.

   (7) No flags have been set along the 400' of new road.

3. LOCATION OF EXISTING WELLS WITHIN A TWO-MILE RADIUS -

   (1) Water Wells - None

   (2) Abandoned Wells - None

   (3) Temporarily Abandoned Wells - None

   (4) Disposal Wells - None

   (5) Drilling Wells - None

(6) Producing Wells - See Exhibit "A"

(7) Shut-In Wells - None

(8) Injection Wells - None

(9) Monitoring or Observation Wells - None

4. TANK BATTERIES, PRODUCTION FACILITIES AND LEASE PIPELINE - There are no tank batteries, production facilities or pipelines within one mile of the location controlled by lessee.

If production is established, production facilities will be erected on the drill pad as shown on Exhibit "B" in the dimensional area. Steel pipe and fittings will be used that have a rated working pressure equal to or greater than the pressure to be applied.

Rehabilitation of any disturbed areas no longer needed for operations after completion of the production facilities will be done. This will consist of reshaping the existing surface and seeding as specified.

5. LOCATION AND TYPE OF WATER SUPPLY - The water to be used in the drilling operation will be pumped from Willow Creek at the location site.

6. SOURCE OF CONSTRUCTION MATERIALS - No construction materials other than what is found in building the location or road will be used.

7. WASTE DISPOSAL -

A. Drill cuttings will be disposed of in the reserve pit.

B. Remaining drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for backfilling.

C. Water produced during tests will be disposed of in the reserve pit. Oil produced during tests will be stored in test tanks until sold, at which time it will be hauled from site.

D. Sewage from trailer houses will drain into holes at least 10' deep, which will be kept covered until backfilled. An outdoor toilet will be provided for the rig crews; this area will be backfilled during cleanup after rig move-out.

E. Trash, waste paper and garbage will be contained in a trash pit fenced with a small mesh wire to prevent wind-scattering during collection.

F. When rig moves out, all garbage and trash will be hauled to an approved disposal dump.

8. ANCILLARY FACILITIES - No camps, airstrips, etc. will be constructed.

9. WELLSITE LAYOUT -

A. Exhibit "B" (Scale 1" - 50') shows proposed wellsite layout.

B. This Exhibit indicates proposed location of mud, reserve, burn, and trash pits; pipe racks and other major rig components; living facilities; soil stockpile; parking area; and turn-in from access road.

C. Mud pits in the active circulating system will be steel pits, and the reserve pit is proposed to be unlined unless subsurface conditions encountered during pit construction indicate that lining is needed for lateral containment of fluids.

10. RESTORATION OF SURFACE -

A. Upon completion of the operation and disposal of any trash and debris as discussed earlier, pits will be backfilled and leveled or contoured as soon as practical after drying-time. Drillsite surface will be reshaped to combat erosion, and stockpiled topsoil will be distributed to extent available. Prior to leaving the drillsite upon rig move-out, any pit that is to remain open for drying will be fenced and so maintained until backfilled and reshaped.

B. Exxon will rehabilitate road as per BLM recommendations.

C. Revegetation of the drill pad will comply with USGS-BLM specifications.

D. Any oil on pits will be removed or otherwise disposed of to USGS-BLM approval.

E. Rehabilitation operations will start in the Spring after completion and be completed in the Fall to surface owner and BLM specifications.

11. OTHER INFORMATION - The drillsite lies partially in a hay field between a high bluff and Willow Creek, and part of the location is in sagebrush. The surface is owned by Mr. H.E. Graham of Plainview, Texas.

There is a dwelling approximately 1000' west of the drillsite and a dwelling approximately 1/2 mile down Willow Creek to the north.

The surface use activity is farming.

Willow Creek is 200' from the location.

12. OPERATOR'S REPRESENTATIVE - Exxon's field representative for contact regarding compliance with this Surface Use Plan is:

W.R. Wardroup
P.O. Box 1600
Midland, Texas 79702
Office Phone - 915-684-4411
Home Phone - 915-694-5067

13. CERTIFICATION -

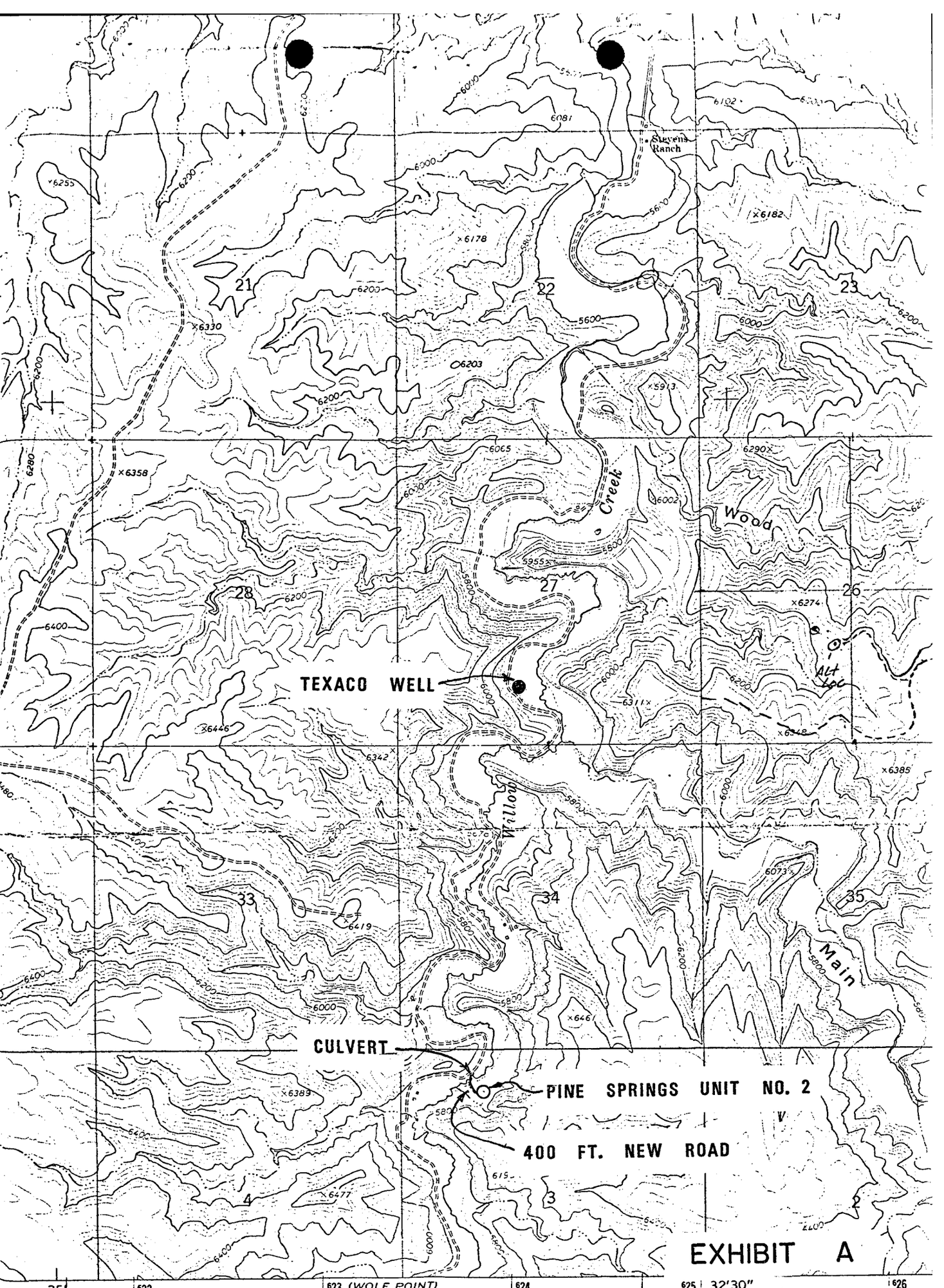
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by the Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

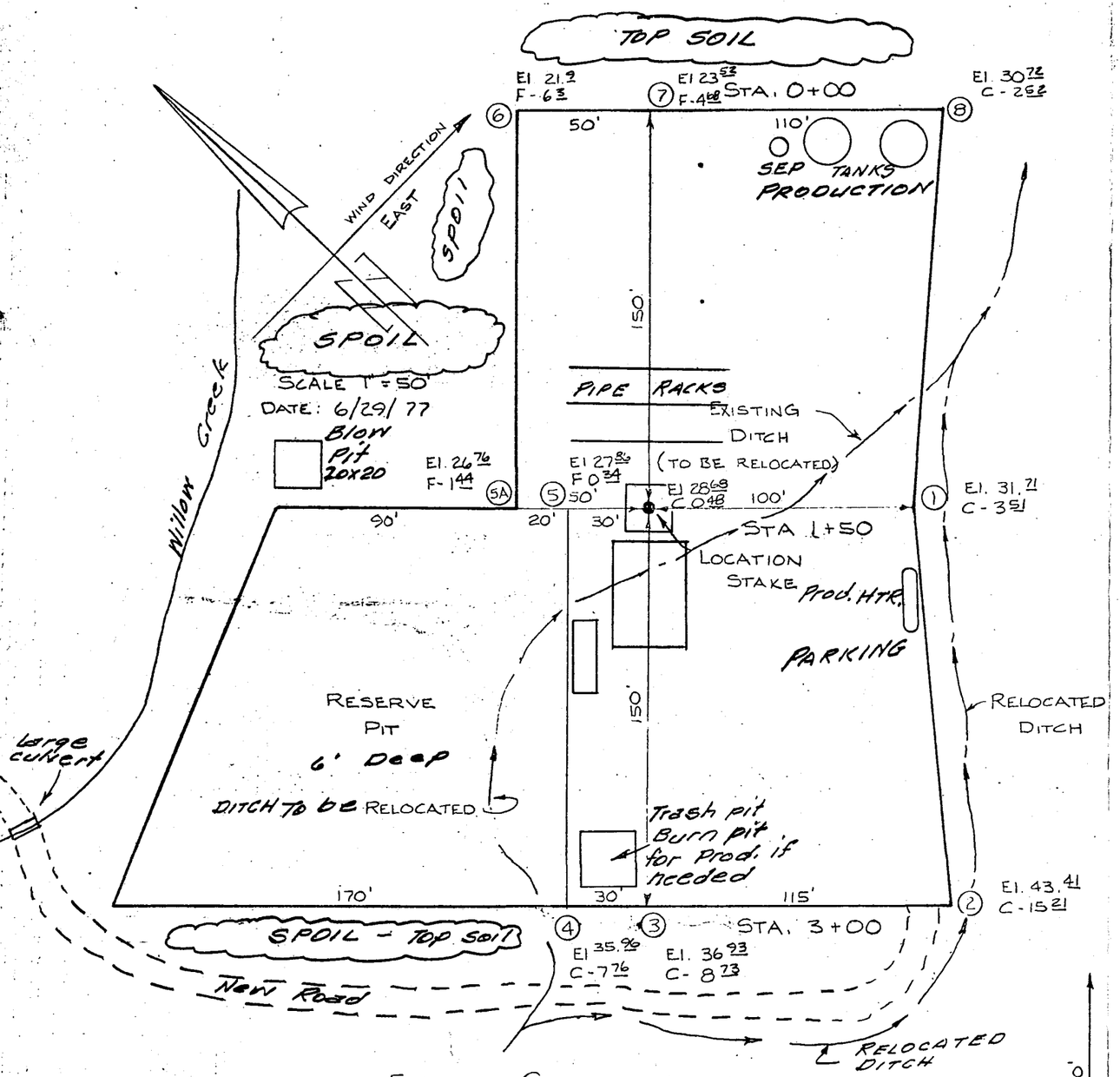
Date July 12, 1977

W.R. Wardroup

W.R. Wardroup
Division Drilling Manager

MK/sm





EXXON COMPANY, U.S.A.

LOCATION LAYOUT

PINE SPRING UNIT Nº 2

SECTION 3, T16S, R 21E, S.L.B.&M.

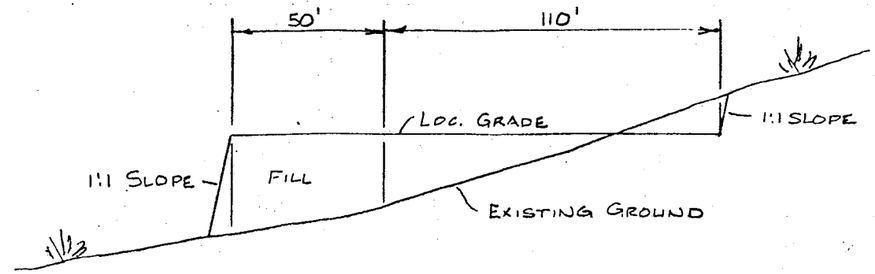
EXHIBIT B

SCALES

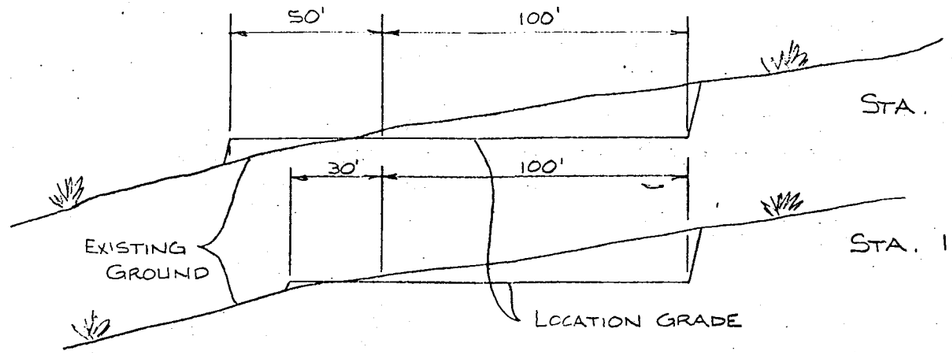
1" = 10'

1" = 50'

CROSS SECTIONS

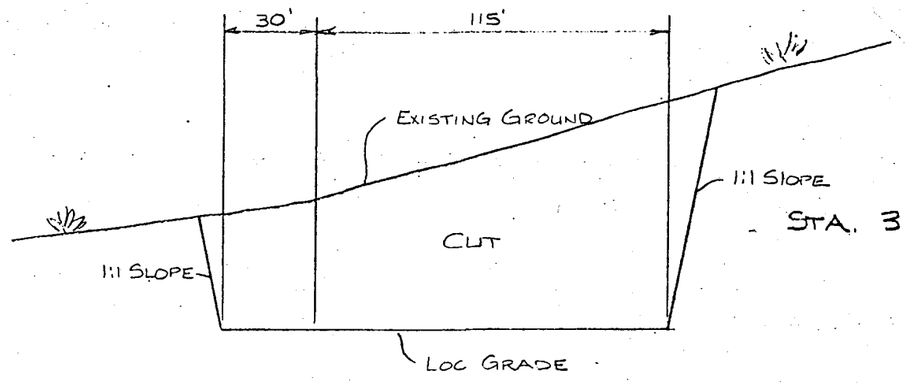


STA. 0+00



STA. 1+50 BACK

STA. 1+50 AHEAD



STA. 3+00

APPROX. YARDAGE

CUT = 6,240 CU. YDS.

FILL = 1,350 CU. YDS.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: July 18-

Operator: Coffer Corp.

Well No: Pine Spring Unit #2

Location: Sec. 3 T. 14S R. 21E County: Uintah

File Prepared [✓] Entered on N.I.D. [✓] API ✓

Card Indexed [✓] Completion Sheet [✓]

CHECKED BY:

Administrative Assistant [illegible]

Remarks: No other wells in Section

Petroleum Engineer [illegible]

Remarks:

Director [illegible]

Remarks:

Unorthodox Location
Need to:
1) Request either Topo or Geol. Exception & show why
2) Move either 210'E or 750' west
3) Show proof that this is in an approved unit

INCLUDE WITHIN APPROVAL LETTER:

Bond Required [ ] Survey Plat Required [ ]

Order No. [ ] Surface Casing Change [ ] to

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site [X]

O.K. Rule C-3 [ ] O.K. In Pine Spring Unit [ ]

Other:

[✓] Letter Written/~~Approved~~

43-30303

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600 - MIDLAND, TEXAS 79701

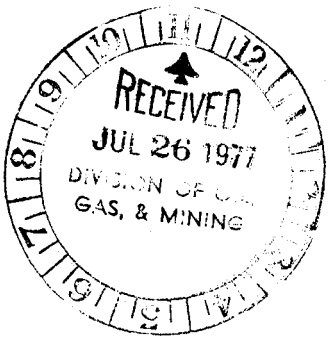
MIDCONTINENT PRODUCTION DIVISION
SOUTHWESTERN EXPLORATION DIVISION

W. R. WARDROUP
DRILLING MANAGER

July 22, 1977

File No. 22-3

Request for an Exception to
Rule C-3 for Pine Spring Unit,
Well No. 2, Wildcat
Uintah County, Utah



Mr. Cleon B. Feight, Director
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Please grant an exception to Rule C-3 without notice and hearing for Pine Spring Unit, Well No. 2, which will be located 1,500' FWL and 660' FNL of Section 3, T15S, R21E, Uintah County, Utah.

We are unable to drill this well as a regular location due to the rough terrain. The ownership of all oil and gas leases within a radius of 660' of the proposed location is common with the ownership of the oil and gas leases under the proposed location.

A copy of the Pine Spring Unit agreement will be mailed to you by our Denver office.

Very truly yours,

W. R. Wardroup

W.R. Wardroup

MK/sm

2 cc: U. S. G. S., 8440 Federal Building, Salt Lake City, Utah 84138

EXXON COMPANY, U.S.A.
POST OFFICE BOX 120 • DENVER, COLORADO 80201

EXPLORATION DEPARTMENT
WESTERN DIVISION

July 22, 1977

Re: EXXON - PINE SPRING UNIT #2 WELL
1500' FWL, 660' FNL,
Sec. 3, T14S-R21W
Uintah County, Utah

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

In connection with the above well, we enclose a copy of the proposed Pine Spring Unit Agreement. This agreement will be filed with the U.S.G.S. for final approval as soon as the approval of the State Land Board is received. All interests are committed.

If you require anything else, please let Ms. Knipling or myself know.

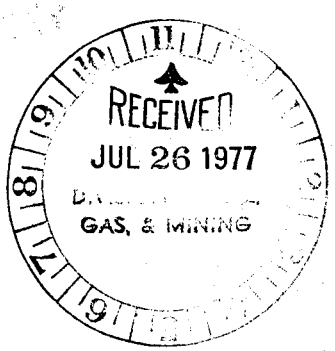
Yours very truly,

J. F. Adkins

JFA:bh

Enclosure

cc: Ms. Melba Knipling
Exxon Company, U.S.A.
P. O. Box 1600
Midland, TX



Rec'd.

July 27, 1977

Exxon Corporation
P.O. Box 1600
Midland, Texas 79702

Re: Well No. Pine Spring Unit #2
Sec. 3, T. 14 S, R. 21 E,
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the rig number and drilling contractor be identified.

The API number assigned to this well is 43-047-30303.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: U.S. Geological Survey

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5986

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [x] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [ ] GAS WELL [x] OTHER SINGLE ZONE [x] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P.O. Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1500' FWL & 660' FNL
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
U-10197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Pine Spring Unit (Tract 15)

8. FARM OR LEASE NAME
TRACT 15
Pine Spring Unit

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T14S, R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
41-1/2 Miles South from Ouray

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
660'

16. NO. OF ACRES IN LEASE
642.72

17. NO. OF ACRES ASSIGNED TO THIS WELL
---

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
---

19. PROPOSED DEPTH
10,000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,729' GR

22. APPROX. DATE WORK WILL START*
November 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#	40	To surface with ready mix
12-1/4	9-5/8	40#	1500	To surface with at least 400 sx.
7-7/8	5-1/2	17# & 15.5#	10000	To 1000' above pay w/at least 200 sx.

Approval notice - Utah State Oil and Gas

RECEIVED
NOV 8 1977
DIVISION OF
GAS, & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED Melba Knipling TITLE Proration Specialist DATE 7-12-77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE ACTING DISTRICT ENGINEER DATE NOV 06 1977

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

ATTACHMENT 2-A

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

EIA NO. 633

DATE 8-12-22

OPERATOR Exxon
LEASE # U-10197
WELL NO. 2
LOC. ¼NE¼NW SEC. 3
T. 14S R. 21E
COUNTY Uintah STATE UT
FIELD Wildcat
USGS Cook
BLM Ellis
REP: Weatherford
DIRT Casada

O ENHANCES
[ ] NO IMPACT
/ MINOR IMPACT
X MAJOR IMPACT

		Construction				Pollution				Drilling Production						Transport Operations			Accidents		Others
		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, Junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure	
Land Use	Forestry NA																				
	Grazing ✓	/	/			/	/			/			/			/			/	/	
	Wilderness NA																				
	Agriculture ✓	/	/			/	/			/						/			/	/	
	Residential-Commercial NA																				
	Mineral Extraction NA																				
	Recreation ✓	O	/			/	/			/			/			/			/	/	
	Scenic Views ✓	/	/			/	/			/			/			/			/	/	
	Parks, Reserves, Monuments NA																				
	Historical Sites		more known																		
	Unique Physical Features NA																				
Flora & Fauna	Birds ✓	/	/			/	/			/			/			/			/	/	
	Land Animals ✓	/	/			/	/			/			/			/			/	/	
	Fish NA																				
	Endangered Species		more known																		
	Trees, Grass, Etc. ✓	/	/			/	/			/						/			/	/	
Phy. Charact.	Surface Water ✓	/	/			·/										/			/	/	
	Underground Water ?																				
	Air Quality ✓	·				/				/						/					
	Erosion ✓	/	/			/	/									/			/	/	
	Other																				
	Effect On Local Economy ✓	O	O							O						O					
	Safety & Health ✓	/	/			/	/			/						/			/	/	
	Others Orig + two cc: Reg - Denver BLM = Vernal w/ copies ✓ Utah State Oil and Gas																				

EIA NO. 633

LEASE U-10197 DATE 8-12-77

WELL NO. 2

LOCATION: NE ¼ NW ¼, SEC. 3, T. 14S, R. 21E,

FIELD Wildcat COUNTY Uintah STATE Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

Expo Corporation (COMPANY) PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 10,000 FT. TD. 2) TO CONSTRUCT A DRILL PAD 150 FT. X 300 FT. AND A RESERVE PIT 150 FT. X 170 FT. 3) TO CONSTRUCT 14 FT. WIDE X 400' ~~MILES~~ ACCESS ROAD AND UPGRADE FT. WIDE X MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT

☑ GAS ☐ OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD AND ☐ TRUCK ☐ TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN SECTION , T. , R. .

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: ☐ ROLLING HILLS ☐ DISSECTED TOPOGRAPHY ☐ DESSERT OR PLAINS ☑ STEEP CANYON SIDES ☐ NARROW CANYON FLOORS ☐ DEEP DRAINAGE IN AREA ☑ SURFACE WATER

(2) VEGETATION: ☑ SAGEBRUSH ☐ PINION-JUNIPER ☐ PINE/FIR ☑ FARMLAND (CULTIVATED) ☑ NATIVE GRASSES ☐ OTHER

(3) WILDLIFE: [✓] DEER [ ] ANTELOPE [ ] ELK [✓] BEAR [✓] SMALL MAMMAL [✓] BIRDS [ ] ENDANGERED SPECIES [ ] OTHER _____

(4) LAND USE: [✓] RECREATION [✓] LIVESTOCK GRAZING [✓] AGRICULTURE [ ] MINING [ ] INDUSTRIAL [ ] RESIDENTIAL [ ] OIL & GAS OPERATIONS

REF: BLM UMBRELLA EAR Private Surface Oil & Gas Leasing Program E.A.R. Vernal District
~~USFS EAR~~
~~OTHER ENVIRONMENTAL ANALYSIS~~ Revised Feb. 1976 Ut-080-6-28

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED _____ TO AVOID

☐ LARGE SIDEHILL CUTS ☐ NATURAL DRAINAGE ☐ OTHER _____

4)

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. DETERMINATION:

(THIS REQUESTED ACTION ~~DOES~~) (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED 8-12-77

INSPECTOR E. K. Cook

E. W. Guynn

U. S. GEOLOGICAL SURVEY
CONSERVATION DIVISION - OIL & GAS OPERATIONS
SALT LAKE CITY DISTRICT

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Exxon Corporation No. 2-3	1,500 FWL - 660 FNL, Sec. 3, T. 14 S., R. 21 E., SLM, Uintah County, Utah	U-10197

1. Stratigraphy and Potential Oil and Gas Horizons. Proposed T.D. of 10,000' will collar in Parachute Creek Member of Green River Fm and test the section for gas and oil. Critical tops are estimated at: 1,050' - Wasatch; 3,240' - Mesaverde; 5,370' - Mancos; 9,450' - Dakota; and 9,750' - Morrison.

2. Fresh Water Sands.

Some fresh water possible in first few hundred feet of Green River rocks.

3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.)

Beds of coal may be penetrated in the Mesaverde rocks (3,240' - 5,370').

4. Possible Lost Circulation Zones.

Sands in the Wasatch, Mesaverde, Dakota and the Morrison

5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.

Unknown

6. Possible Abnormal Pressure Zones and Temperature Gradients. Only normal or subnormal to the depths and to the $\underset{g,l}{\rightleftharpoons}$ T, P conditions are believed likely.

7. Competency of Beds at Proposed Casing Setting Points.

Probably adequate for the APD casing program

8. Additional Logs or Samples Needed.

9. References and Remarks: USGS Files, SLC, UT. Site is 1 mile south of unnamed undefined KGS

Date: 07-29-77 Signed: Donald C. Alvord

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U-10197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Pine Spring Unit (Pending)

2. NAME OF OPERATOR: Exxon Corporation

8. FARM OR LEASE NAME: Pine Spring Unit

3. ADDRESS OF OPERATOR: P.O. Box 1600, Midland, Texas 79702

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface: 1500' FWL & 660' FNL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 3, T14S, R21E

RECEIVED
JUN 12 1978
DIVISION OF OIL, GAS, & MINING

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5729' Gr

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☒	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Please cancel the permit to drill the above well as this well will not be drilled.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: June 12, 1978
BY: P. L. Driscoll

18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knipling TITLE Proration Specialist DATE June 8, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Abandoned

L.A.

Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

July 19, 1978

Exxon Corporation
P.O. Box 1600
Midland, Texas 79702

Re: Application for Permit to Drill
Pine Spring Unit #2
NE NW Section 3, T.14S., R.21E.
Uintah County, Utah
Lease #U-10197
Pine Spring Unit

Gentlemen:

This letter is to confirm approval of your Sundry Notice dated June 8, 1978, in which the referenced application for Permit to Drill was rescinded at your request. Please be advised that in addition to the conditions set forth on the approved Sundry Notice, any construction activity associated with this well (if any) must be rehabilitated.

If you have any questions regarding this matter do not hesitate to contact this office. Your cooperation in this matter is appreciated.

Sincerely Yours,

(ORIG. SGD.) W. P. MARTENS

W.P. Martens
Acting District Engineer

bcc: O&GS, NRMA, Casper
BLM, Utah State Office
BLM, Vernal District
Utah Division of Oil, Gas, and Mining
USGS, Vernal
Pine Springs Unit
Lease File
Well File

RAH/lt